

Weekly Metrics for May 16 - 22, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC GES DAAC	0.9 0.9	1x Baseline 1x Baseline	1.3 1.3	D A, D
ICESat (1/03)	GLAS	L0 Ingest L1 Prod L2-3 Prod Archive Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC NSIDC NSIDC NSIDC	41 115 43 199 166	1x Baseline 1x Baseline 1x Baseline Various	33 0 0 33 24 9	H G, N R
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest L1 Prod L2 - 3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC GES DAAC GES DAAC GES DAAC GES DAAC	98 1,211 213 1,522 99 471	1x Baseline Various 3.045x Baseline Various Various	90 1,420 299 1,809 273 391 184 21	 G, N R
	AMSR-E	L0 Ingest L1 Ingest L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC GHRC NSIDC NSIDC	10 28 77 114 35	1x Baseline Various 3.045x Baseline Baseline 1.015x Baseline	6 8 44 58 6 843 26	B B C C G, N R
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	496 1,421 109	Various IT Requirements 1.015x Baseline	TBD TBD TBD	 See Footnote Q
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC GES DAAC NSIDC	518 7,569 12,789 7,034 12,989 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various Various Various IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	500 7,628 11,854 9,766 9,659 554 0 137 39 870 7,323 1,485 177 7 0.1	 L, P L, P P G, N R G, N R G, N R
METEOR 3M (12/01)	SAGE III	Archive Distribution <i>Production</i> <i>End Users</i>	ASDC ASDC	0.9 0.02	Various 1.015x Baseline	4.4 1.1 8	D G, N

ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	432	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	100	E
		L1B Archive	LP DAAC	271	1.015x Baseline	432	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	249	E
		Archive	LP DAAC	2,173	Various	783	E
		Distribution	LP DAAC				
		<i>Production</i>				164	
		<i>End Users</i>		1,221	1.015x Baseline	417	G, N
		<i>Data Pool</i>				21	R
	CERES	Archive	ASDC	357	Various	TBD	See Footnote Q
		Distribution	ASDC	1,421	IT Requirements	TBD	
	MISR	<i>Testing/QA</i>		119	1.015x Baseline	TBD	
		<i>End Users</i>					
		L0 Ingest	ASDC	249	1x Baseline	269	F F F
		L1 Prod	ASDC	3,359	Various	3,981	
		L2-L3 Prod	ASDC	285	3.045x Baseline	363	
		Archive	ASDC	3,894	Various	4,614	
		Distribution	ASDC				
	MODIS	<i>Testing/QA</i>		137	IT Requirements	993	G, N R
		<i>Production</i>				1,678	
		<i>End Users</i>		1,215	1.015x Baseline	3,345	
		<i>Data Pool</i>				7	
		L0 Ingest	GES DAAC	518	1x Baseline	511	
		L1 Prod	GES DAAC	7,570	Various	2,454	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	4,734	
	MOPITT	Archive	LP DAAC	7,034	Various (L2-L4)	3,847	M L, M, P M, P
			GES DAAC	12,990	Various (L0-L4)	3,709	L, M, P
			NSIDC	853	Various (L2-L3)	147	M, P
		Distribution	LP DAAC				
		<i>Testing/QA</i>		23	IT Requirements	0	
		<i>End Users</i>		2,345	1.015x Baseline	2,532	G, N
		<i>Data Pool</i>				122	R
	MOPITT	Distribution	GES DAAC				
		<i>Testing/QA</i>		362	IT Requirements	714	
		<i>Production</i>				4,124	
		<i>End users</i>		4,157	1.015x Baseline	1,631	G, N
		<i>Data Pool</i>				48	R
		Distribution	NSIDC				
		<i>End Users</i>		284	1.015x Baseline	18	G, N
		<i>Data Pool</i>				0	R
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			1	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			3	
		Distribution	PO DAAC	NA	NA	38	J
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			60	
		Distribution	PO DAAC	109	Weekly Average	102	J
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	48	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	3 76	K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
- C. Includes forward processing for May 9-15 and reprocessing for 25 data dates in July and August 2002.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes the reprocessed 2003 data.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing of MODIS products was done.
- N. Does not include the distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.